

Core samples from Savage Oil Shale Development Company's Camp corehole drilled 530 feet N. 59° 31' E. of S. 1/4 corner of sec. 35, T. 4 S., R. 98 W., Garfield County, Colorado

Surface Elevation 8095 feet Mahogany Marker at 618.5 feet

From	To	Description
0	30	Drilled through alluvium.
30	33.3	Siltstone, light gray to tan, generally massive to poorly defined bedding. Rare lenses of clear calcite.
33 <b>.3</b>	33.8	Marlstone, tan to light brown, poorly defined to well defined bedding. Some calcite filled vertical fractures.
33.8	34.6	Siltstone, light gray, massive. Rare lenses of clear calcite. Common fragments of organic material.
34.6	36.6	Marlstone, tan to light brown, poorly defined to well defined bedding. Rare clear calcite crystals.
36.6	40.7	Siltstone, light gray, massive.
40,7	45.6	Marlstone, tan and light brown, massive to well defined bedding. Rare calcite crystals. Rare lenses of light gray siltstone 0.2 foot and less.
45.6	47.2	Sandstone, light gray and white, very fine grained, massive.
47.2	79.4	Siltstone, light gray, massive to poorly defined bedding. Pyrite lenses. Common organic fragments. Rare bands of fine grained sandstone.
79.4	79.8	Sandstone, light gray, fine grained, organic partings.
79.8	130.1	Siltstone, light gray, massive to poorly defined bedding. Becomes sandy in places.  Common lenses of pyrite. Calcareous in part,  1.2 feet of light brown marlstone occurs at  91.0 feet.
130.1	132.7	Marlstone, tan and light brown, poorly defined to well defined bedding. Common bluish gray analcite partings. Common inclusions 1/2 inch
A		and less of pyrite. A 0.2-foot band of light gray siltstone occurs at 31.8 feet. A 0.4-foot band of dark brown and dark gray oil shale occurs at 131.0 feet.
132.7	138.8	Siltstone, light gray, massive to poorly defined bedding. Hare lenses of pyrite and black organic matter resembling coal.

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From	То	Description
138.8	11:1.6	Siltstone, light gray, massive, interbedded with markstone, tan and light brown, well defined bedding.
Д₁1.6	149.5	Oil shale, lean, light brown and tan, massive to well defined bedding. 0.5-foot bands of light gray siltstone occur at 144 feet and at 146.8 feet. Common 60° fractures filled with calcite.
149.5	162.5	Siltstone, light gray to buff, massive to poorly defined bedding. Abundant scattered pyrite crystals. Rare fragments of organic material.
162.5	167.5	No recovery - cavity.
167.5	175.6	Siltstone, light gray to buff. Massive, rare mudstone bands, common pyrite and organic fragments.
175.6	221.0	Siltstone, light gray to buff. Massive to well defined bedding, rare thin marlstone bands, abundant pyrite at 199.0 feet. Thin analcitized tuff band at 216.2 feet.
221.0	222.7	Marlstone, buff to tan, mostly well defined bedding.
222.7	258.1	Siltstone, light gray to buff, predominantly massive with some well defined bedding.  Abundant scattered pyrite grains. Rare
258.1	259.5	stringers and bands of tan, barren marlstone.  Marlstone, buff to greenish-brown, poorly defined bedding, rare thin siltstone bands, rare calcite stringers.
259.5	286.6	Siltstone, gray to dark gray, massive to poorly defined bedding. Thin bands (less than one foot) of brown to light green marlstone.
		Vertical fracture from 285.5 to 286.5 feet with fracture faces lightly coated with clear calcite and black bitumen. 4.8 feet missing at 276.4 feet.
286.6	287.1	Oil shale, rich, dark brown to black, well defined bedding.
287.1	289 <b>.2</b>	Siltstone, gray, massive. Marlstone beds in
289.2	292.2	upper part. Oil shale, lean, tan to light brown, well de- fined bedding. Rare thin siltstone partings.
		Illustration No. SBR-2831P

Laramie Petroleum Research Center, Laramie, Wyoming September 10, 1959

17 Para

Core samples from Savage Oil Shale Development Company's Camp corehole drilled 530 feet N. 59° 31' E. of S. 1/h corner of sec. 35, T. 4 S., R. 98 W., Garfield County, Colorado (Con.)

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Mahogany Marker at 618.5 feet

From	То	Description 1
292.2	293.8	Siltstone, white to gray, massive, tan marl- stone beds in lower part. Numerous 60° fractures with fracture faces coated with reddish-brown bitumen.
<b>293.</b> 8	295.7	Oil shale, lean, tan to light brown, well defined bedding. Vertical and near vertical fractures with faces coated with reddish-brown bitumen. A 2-inch band of porous sandstone impregnated with bitumen occurs at 295.2 feet.
295.7	297.8	Oil shale, medium, gray to dark brown well defined bedding (contorted at 296.0) to massive in lower part. O.4 foot of buff and light brown banded marlstone at 297.0 feet. Vertical fracture in marlstone coated with red-brown bitumen.
297.8	304.4	Oil shale, lean, gray to tan, poorly defined bedding to massive. 0.5-inch white injected tuff at 297.8 feet. Common crystal cavities wholly or partially filled with black bitumen. Rare vertical fractures.
304.4	306.0	Oil shale, lean, gray to tan, faintly bedded, abundant vertical fractures.
306.0	315.7	Oil shale, lean, gray-tan to light brown, poorly defined bedding to massive, common cavities filled with black bitumen and calcite. Calcareous bands less than 0.5 inch at 311.0 feet. 1.2 foot of banded marlstone at 311.9 feet.
315.7	318.5	Marlstone, tan to light gray, massive to poorly defined bedding, common vertical fractures.
318.5 321.0	321.0 324.6	No recovery. (Cavity?) Oil shale, lean, buff to gray, well defined bedding with poor banding, rare vertical fractures.
324.6	<b>32</b> 9 <b>.</b> 1	Oil shale, medium, dark brown to dark gray.  Massive to faintly bedded, 1-inch sedimentary tuff at 328.4 feet. Rare vertical fractures.
329.1	<b>33</b> 3•9	Coarse granular texture at 328.8 feet. Oil shale, lean, tan to light gray, faintly bedded to massive in darker parts, rare vertical fractures.
333.9	<b>33</b> 7.5	Siltstone, tan to light gray, massive, sandy in part, common carbonaceous particles, rare pyrite filled fractures.  Illustration No. SBR-2032P

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Surface Elevation 8095 feet

374.9

375.4

Mahogany Marker at 610.5 feet

From	To	Description
137.5	338.6	Marlstone, light tan, faintly bedded.
38.6	342.8	Siltstone, light gray to tan, faintly bedded,
		common contorted bands and stringers of oil
		shale, few 60° fractures. (One foot missing
- 0	-11	in this interval.)
<b>,2.</b> 8	314.7	Oil shale, medium, gray to dark brown, poorly
		defined bedding, few medium gray tuff bands
		1/2 to 3 inches wide, 3-inch tuff band at
.1. 12	346.0	342.6 feet. Oil shale, lean, tan to light brown, well de-
sls.7	240.0	fined bedding, good banding. Calcite filled
		60° fractures near bottom.
46.0	350.0	Oil shale, medium, gray to dark brown, faintly
10.00	JJ0 80	bedded 1-inch buff tuff bed at 347.8 feet.
50.0	351.6	Oil shale, Lean, tan to buff, faint bedding,
	بهد ر ر	alternating dark and light bands. Abrupt
		change to dark oil shale at 351.6 feet.
1.6	354.3	Oil shale, medium, dark gray to dark brown,
	• • • •	faintly bedded to massive. One-inch tuff
		bed at 352.5 feet. Vertical fractures near
		bottom.
4.3	357.3	Siltstone, light gray to dark gray, massive to
		poorly defined bedding, rare carbonaceous
		fragments. Badly fractured. One foot missing
,	and on the	in this interval.
57.3	<b>3</b> 59 <b>.</b> 5	Oil shale, lean, buff to brown, faintly bedded,
		poor banding, 80° fractures coated with calcite
59.5	362.7	near top.
フブ・フ	20201	Oil shale, medium, dark brown, massive to faintly bedded, rare thin lean bands less than 1/2-inch
		wide.
52.7	<b>3</b> 66 <b>.</b> 0	Oil shale, medium, buff to dark brown, massive
~~ # f	<i>300</i>	to poorly defined bedding, poor banding.
66.0	369.0	Oil shale, rich, dark brown, massive to faintly
. 🕶		bedded, no banding. 80° fracture near bottom.
69.0	374.9	Oil shale, medium, buff to dark brown, poorly
- "		defined hedding man handing many this provite

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underlying tuff bed.

Illustration No. SBR-2833P

defined bedding, poor banding, rare thin pyrite bands. Bottom of interval has 60° contact with

Tuff injection, buff, rare carbonaceous frag-

ments. Lower contact very irregular.

Core samples from Savage Oil Shale Development Company's Camp corehole drilled 530 feet N. 59° 31' E. of S. 1/4 corner of sec. 35, T. 4 S., R. 98 W., Garfield County, Colorado (Con.)

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Fro		Description
375	.4 396.0°	Oil shale, medium, dark buff to dark brown, poor to well defined bedding, poor banding. Rare, less than 2-inch tuff beds which are generally saturated with black bitumen.
<b>3</b> 96	.0 398.0	Oil shale, modium, dark-brown, faint bedding, thin stringer of analcite.
<b>3</b> 98	.0 418.5	Oil shale, medium, buff to dark brown, well defined bedding, poor banding. Bedding shows minor contortion. Rare less than 1/2-inch tuff stringers. One 1/2-inch tuff band at bottom of interval.
418	.5 420.0	Oil shale, medium, dark brown, well defined bedding, rare analcite stringers less than 1/2-inch.
420	.0 424.5	Oil shale, lean, buff to brown, well defined bedding, poor banding, speckled with abundant blebs and stringers of analcite.
424	.5 426.5	Oil shale, rich, dark brown to dark gray, massive to faintly bedded. One-half-inch tuff stringer at 424.8 feet.
<b>42</b> 6	•5 439 • 3	Oil shale, lean, buff to brown, well defined bedding, excellent banding at bottom of interval. Rare less than 1/2-inch analcite stringers, rare pyrite.
439	.3 Щ1.0	Oil shale, rich, dark brown, massive to faintly bedded, 0.5 foot lost in interval.
447	.0 446.5	Oil shale, lean, light brown to light gray, well defined bedding, poor banding. Rare less than 1/2-inch bands of tuff, rare small blebs of analcite.
446	·5 448.5	Oil shale, medium, brown to dark brown, massive to faintly bedded in lower part.
443	.5 454.6	Oil shale, lean, brown to gray, poorly defined bedding, good banding in lower part, common thin analoite atringers.
454	.6 454.9	Oil shale, rich, dark brown, massive.
454		Oil shale, lean, brown to dark gray, well de- fined bedding, good banding.
455	.2 456.7	Oil shale, medium, brown to dark gray, massive to faintly bedded.
		Illustration No. SBR-2834P

Core samples from Savage Oil Shale Development Company's Camp corehole drilled 530 feet N. 59° 31' E. of S. 1/4 corner of sec. 35, T. 4 S., R. 98 %., Garfield County, Colorado (Con.)

# Surface Elevation 3095 feet Mahogany Marker at 618.5 feet

From	To	Description
456.7	460.0	Oil shale, lean, buff to light brown, well de-
		fined bedding, poor banding, rare vertical
		fractures at 469.5 feet.
460.0	464.5	Oil shale, medium, dark brown, massive to faintly
		bedded. Injected tuff (3-inch) at 462.5 feet.
464.5	476.0	Oil shale, medium, dark brown to dark gray, well
		defined bedding to poorly defined bedding, rare
		less than 1/2-inch analcite stringers.
476.0	478.0	Oil shale, rich, dark brown, massive to faintly
		bedded.
478.0	480.2	Oil shale, medium, brown to dark gray, faintly
		bedded to poorly defined bedding.
480.2	480.5	Analcitized tuff bed, light brown to brown,
		thin shale partings.
480.5	481.5	Oil shale, medium, dark brown, massive to faintly
		bedded.
481.5	484 <b>.</b> 0	Marlstone, tan to light brown, faintly bedded,
		vertical fracture at 483.5 feet.
18H •0	485.0	Oil shale, medium, dark brown, faintly bedded.
185.0	486.8	Oil shale, lean, light brown to dark brown, con-
		torted bedding.
86.84	490.0	Oil shale, lean, light brown to dark brown,
}		massive to well defined bedding. Two-inch dark
		brown oil shale band at 407.1 feet.
490.0	491.4	Analcitized tuff injection, medium brown, thin
		interbedded shale partings, irregular contacts
١ ١	•	with surrounding shale.
491.4	492.0	Oil shale, medium, dark brown, faintly bedded
		to massive.
192.0	496.5	Oil shale, lean, tan to light brown, well de-
		fined bedding.
196.5	525.0	Oil shale, medium, light brown to dark brown,
		faintly bedded to well defined bedding. Common
		thin tuff bands less than 2 inches wide, O.l.
		foot tuff injection at 511.6 feet, angular
		contacts with oil shale. 45° and 60° fractures
		common, minor bitumen saturation in tuff bands.
525.0	526.3	Siltstone, light gray, faintly bedded, slightly
	,	calcareous, vertical fractures.
526.3	527.0	Oil shale, lean, tan to buff, massive, minor
<i></i>	4 . 4 -	tuff injections with some contortion.
527.0	5 <b>35.</b> 8	Oil shale, medium, gray to dark brown, well de-
THE TAXABLE SECTION CO. AND ADDRESSES		fined bedding in lighter parts.
		Illustration No. SBR-2835P

Core samples from Savage Oil Shale Development Company's Camp corehole drilled 530 feet N. 59° 31' E. of S. 1/4 corner of sec. 35, T. 4 S., R. 98 W., Garfield County, Colorado (Con.)

Surface	Elevation	8095	feet	Mahogany Mari	cer at	. 618.5	feet
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From	To	Description
535.8	538 <b>.3</b>	Oil shale, medium, dark brown, massive.
	Upper wavy bed	
m4 . 0	<b>5</b> 37.0 - <b>\$</b> 38.0	feet, 2 inch, 6 inch, 8 inch, respectively.
<i>5</i> 38.3	<b>555.</b> 5	Oil shale, medium, dark brown to dark gray,
		massive to faintly bedded, rare 60° fractures.
المام ال	and well seen	0.5-foot spongey textured zone at 543.2 feet.
<i>5</i> 55 <b>.</b> 5	557.0	Oil shale, lean, tan to buff, well defined
557.0	561.8	bedding, poor banding. Oil shale, medium, dark brown to dark gray,
		faintly bedded to massive.
561 <b>.</b> 8	566.0	Oil shale, lean, tan to dark brown, well de-
•		fined bedding, excellent banding.
5 <b>6</b> 6.0	567.4	Oil shale, medium, dark brown, faintly bedded
		to massive, sharp contact with lean shale at
		567.4 feet.
567.4	586.7	Oil shale, medium, light brown to dark brown,
		well defined bedding to massive, poor banding,
		rare vertical fractures, thin analcite band
	-/ 0	at 581.0 feet.
586.7	587.7	Oil shale, lean, light brown, well defined
587.7	5'0/ 0	bedding.
501.1	596.8	Marlstone, tan to buff, well defined bedding
	Top A-Groove 587.7	to massive, poor banding in upper part, com-
	Base A-Groove	mon pyrite filled fractures. Vertical fracture
	596.8	at 593-595 feet, bitumen and calcite coating near lower part of fracture.
596.8	599.0	Oil shale, lean, light brown, well defined
5,040	227 <b>8</b> 0	bedding, rare thin analcite bands. 45° fault
		plane at 597.0 feet, contorted bedding above
		the reverse fault.
<b>59</b> 9.0	600.6	Oil shale, medium, dark brown, faintly bedded,
		to well defined bedding, rare pyrite stringers.
600.6	604.7	Oil shale, lean, tan, buff to light brown, well
		defined bedding, poor banding, common less than
		l-inch analcite bands and lenses. Rare fractures
6 m)	<b></b>	with brown bitumen coating.
604.7	617.1	Oil shale, medium, dark brown to dark gray,
		faintly bedded to well defined bedding. Rare
		less than 1-inch analcite bands and lenses buff
		to gray in color. Severe contortion associated
		with analcitized tuff injection at 604.7-605.6
CONTRACTOR OF THE PROPERTY OF		feet.
		Illustration No. SBR-2836P

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Surface Elevation 8095 feet Mahogany Marker at 618.5 feet

From	To	Description
617.1	622.7	Oil shale, lean, tan to light brown, faint
	Mahogany	marker bedding with good banding, Mahogany marker
	618.5	(1-inch tuff bed) at 616.5 feet.
622.7	625.0	Oil shale, rich, dark gray to black, faintly
		bedded to massive. Conchoidal fracture in
		part.
625.0	629.5	Oil shale, medium, light brown to dark brown,
		faintly bedded, vertical fracture at 629.5
	,	feet.
629.5	631.3	Oil shale, rich, dark gray to black, faintly
		bedded. One-inch tuff band at 630.6 feet.
631.3	634.0	Oil shale, medium, dark brown to dark gray,
		well defined bedding, rare very thin streaks
		of analcite. Rare pyrite coated fractures.
	2 m	Minor contortions in part.
634.0	<b>63</b> 8.0	Oil shale, rich, dark brown to dark gray,
		faintly bedded to massive, 60° fracture near
(00.0	(1 - 1	bot tom.
<b>63</b> 8.0	641.4	Oil shale, rich, dark gray to black, faintly
		bedded to massive, conchoidal fracture. 1.19
(13.1	(10 ~	feet missing in this interval.
641.4	642.5	Tuff injection, gray to buff, massive, contains
41.0 F	650 D	common thin shale stringers, vertical fractures.
642.5	652.0	Oil shale, medium, medium brown to dark brown,
		faintly bedded to massive in part. 60° fracture
		at 646.3 feet, analcite band less than 1 inch
652.0	653.0	at 649.0 feet.
056 •0	053.0	Oil shale, lean, light brown, well defined bedding,
653.0	654.0	excellent banding.
<b>□□□□□</b>	054.0	Oil shale, medium, dark brown, massive, analcite
654.0	656.9	stringer at (53.1 feet.
O)4.60	0,000	Oil shale, medium, light brown to dark brown,
		faintly bedded to well defined bedding. Four-
		inch rich bed of shale at 457.0 feet. Rare
	<i>*</i>	thin analcite beds less than I inch in lower part.
656.9	660.0	
47007	<b>↓</b> ∪∪ <b>6</b> ∪	Oil shale, lean, tan to light brown, faintly
		bedded, poor banding. Thin analcite stringer less than 1 inch at 658.5 feet. (0.65 feet
		missing in this interval.)
THE TAKEN ASSESSMENT OF THE PARTY OF THE PAR		Illustration No. SBR-2837P
	,	Tarmora a total Mo. ODU-SONIE

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Surface Elevation 8095 feet Mahogany Marker at 613.5 feet

Lrom	To	Description
600.	638.0	Oil shale, rich, dark brown to dark gray,
		faintly bedded to massive. Calcite filled
		cavities at 664.5 feet. Fault breccia between
		663.1 and 663.5 feet. Horizontal fault planes
		showing slickensides at 663.6 to 663.8 feet.
668 ୍ଷ	685.0	Oil shale, medium, light brown to dark brown,
		generally shows well defined bedding and good
		banding (massive in part). Vertical fractures
		at 673.5, 675.5, 680.0, and 680.8 feet.
		Reddish-brown bitumen coating on the latter.
		0.4 foot barren zone at 679.1 feet, 0.3 foot \$\times_{\text{ve}}\$
		brown massive tuff bed at 679.6 feet.
685.0	68 <b>6.1</b>	Oil shale, rich, dark brown to dark gray, massive,
e, <del>-</del>	•	fissile in part.
686.1	687.6	Oil shale, lean, light brown to medium brown,
	, -	faintly bedded to massive.
687.6	689.0	Marlstone, tan to buff, poorly defined bedding
, ,	, -	to massive, rare nacholite cavities.
689.0	690.3	Oil shale, medium, brown to dark gray, faintly
, -		bedded, rare thin bands of analcite.
690.3	691.4	Tuff bed, tan, massive, contains contorted, very
		bed thin stringers of oil stringers
691.4	695 <b>.</b> 0	Oil shale, medium, brown to medium gray, faintly
	• • •	bedded, vertical fracture near top.
695.0	697.0	Tuff bed, tan, fine grained, massive. Thin oil-
	,	shale bands, bitumen parallel to oil shale
		bands, very broken and fractured at bottom.
		(1.20 feet missing in this interval.)
697.0	701.0	Oil shale, medium, light brown to dark brown,
	, -	faintly bedded to well defined bedding,
		common pyrite, rare fractures, rare nacholite
		cavities, myrmekite texture at 699.6 feet.
701.0	714.4	Marlstone in upper and lower parts, tan to light
		brown, well defined bedding. Tuff in middle,
		massive to highly contorted, abundant pyrite
		stringers and vertical fractures in tuff.
7711-11	717.1	,
1 5	t man & maga	
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		eavity.
		we wan volume Wall D
714.4	717.1	massive to highly contorted, abundant pyrite stringers and vertical fractures in tuff. Crimson stain on fractures. (6.85 feet missing in this interval.) Oil shale, lean, tan to light gray, poorly defined bedding, poor banding. Abundant calcite crystals at bottom. Rare cavities filled with pyrite and dark brown bitumen in lower half of cavity.

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Surface Elevation 3095	fec <b>t</b>	Hahogany	Marker	at	618.5	feet
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Pron '	To	Description
717.1	718.0	Injected buff bed, fine grained, tan to light
718.0	721.9	gray, contains fragments of tan oil shale. Oil shale, medium, brown to gray, well defined
17000	150/	bedding to massive, good banding. Rare byrite
		and calcite stringers. (0.15 foot missing.)
721.9	723.7	Oil shale, medium, dark brown to gray, faintly
		bedded to massive, vertical fracture near bot-
	ma 0 . 1	tom coated with red-brown bitumen.
723.7	728.4	Oil shale, lean, tan to brown, well defined
		bedding, excellent banding in part. Common
		pyrite stringers. Vertical fractures coated with red-brown bitumen in upper part. (0.25
		foot missing.)
728.4	729.0	Tuff bed, tan to gray, massive with contorted
		stringers of oil shale. Badly broken in part.
729.0	742.5	Oil shale, lean, tan to gray and brown, well
		defined bedding, excellent banding. Rare less
		than 1-inch tan and gray analcite stringers.
		Vertical, bitumen coated, fractures at 736.5
742.5	743.2	feet. (2.06 feet missing in this interval.) Sedimentary tuff bed, gray to brown, massive.
743.2	750.8	Oil shale, lean, tan to brown and gray, well
		defined bedding, excellent banding in upper
		part. Rare pyrite stringers. Tan tuff bed
	-	(0.4 foot) at 746.0 feet. Vertical fractures
750.8	77 7 T	at 745.0 and 750.5 feet.
120.0	752.7	Marlstone, tan to light gray, faintly bedded,
752.7	762.3	70° fractures coated with brown bitumen. Oil shale, medium, dark brown to gray, faintly
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 Old # 2	bedded to well defined bedding, contorted
		bedding at 755 feet. Thin 0.3-foot bed of
		marlstone at 760.0 feet.
762.3	767.6	Oil shale, lean, tan to brown in part, faintly
		bedded to well defined bedding. 0.3-foot rich
767.6	770 0	cil shale bed at 766.6 feet.
101.0	770.0	Oil shale, rich, dark brown to dark gray, faintly bedded to massive.
770.0	774.3	Oil shale, medium tan to dark brown, well de-
		fined bedding, poor banding, less than l-inch
1	_	white the same of
774.3	780.0	Marlstone, tan to light gray, faintly bedded.
		broken and fractured with vertical fractures
		in lower part. Grades into rich oil shale at
Contra + Contract, and respect to the section	PP CONCENTRAL MET DESCRIPTION FOR A STREET OF THE SECOND STREET	779.0 feet. (1.6 feet missing.) Illustration No. SBR-2839P

Core samples from Savage Oil Shale Development Company's Camp corehole drilled 530 feet N. 59° 31' N. of S. 1/4 corner of sec. 35, T. 4 S., R. 98 W., Garfield County, Colorado (Con.)

Surface Elevation 8095 feet Mahagany Marker at 618.5 feet

From	То	Description
780.0	782.0	Oil shale, rich, dark brown to dark gray, faintly bedded.
782.0	788.7	Oil shale, medium, brown to gray, faintly bedded to massive. 0.3-foot bed of rich shale at 786.0 feet. 0.2-foot brown bitumen impregnated tuff bed at 736.5 feet, vertical fractures com- mon throughout interval.
788 <b>.7</b>	790.7	Marlstone, gray to ten, faintly bedded, contains rare low grade oil shale.
790.7	797 <b>.</b> L	Oil shale, medium, dark brown to dark gray, faintly bedded to massive. Light brown (muddy fissile) mone at top. Nacholite cavities at 795.0 to 794.0 feet. (2.95 feet missing at 794.5 feet).
797.4	803.9	Oil shale, medium, brown to gray, well defined bedding.
80 <b>3.</b> 9	807.3	Marlstone, tan to buff, faintly bedded, poor banding. Rare less than l-inch stringers of oil shale. Less than l-inch tuff bed at bottom. Rare pyrite streaks.
807.3	810.4	Oil shale, medium, gray to brown, well defined bedding, good banding. Rare tuff stringers and pyrite lenses.
810.4	818.0	Siltstone, tan to light buff, very fine-grained, faintly bedded, badly broken at bottom. (4.10 feet missing in this interval.)
818.0	826 <b>.</b> 0	Oil shale, lean, light brown to brown, faintly bedded to well defined bedding in lower part. Common pyrite streaks.
826.0	8 <b>30.</b> 0	Oil shale, medium, light brown to brown, gray in lower part, excellent banding, common pyrite streaks, well defined bedding, vertical fractures at 828.0 feet. (1.71 feet missing from interval.)
830.0	834.0	Oil shale, medium, brown to dark gray, faintly bedded to massive. Less than l-inch tuff bed at 833.8 feet.
834.0	835.0	Marlstone, tan to brown, poorly defined bedding, common nacholite cavities and bitumen coated vertical fractures.
835.0	842.0	Oil shale, medium, brown to gray, well defined bedding, rich zone at 839.5 feet.

Core samples from Savage Oil Shale Development Company's Camp corehole drilled 530 feet W. 59° 31' 5. of C. 1/h corner of sec. 35, 1. 4 S., R. 98 ..., Garfield County, Colorado (Con.)

Surface Elevation 8095 feet ! Tahogany Marker at 619.5 feet

From	To	Des <b>cription</b>
042.0	3/15.0	Larlatone, tan co ouff, largely broken and
		fractured. (Part missing.)
845.0	861 <b>.</b> 0	Marlstone, tun to buff, massive, interbedded
•		tuff pands, broken and fractured, common
		cavities with calcute. (10 feet missing in
		this interval.)
561.0	S65.0	Oil shale, medium, brown to dark gray, faintly
		bedded. Rare pyrite streaks, 60° fracture at
		362.0 feet.
865.0		Bottom of core.